

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)		ATTORNEY'S DOCKET NUMBER 130677-0005
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 10/510417
INTERNATIONAL APPLICATION NO. PCT/JP2003-004456	INTERNATIONAL FILING DATE 04/08/2003	PRIORITY DATE CLAIMED 04/08/2002
TITLE OF INVENTION PISTON PUMP		
APPLICANT(S) FOR DO/EO/US Michio KITAHARA and Paul PATTERSON		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EL 697545804 US</u> 23. <input checked="" type="checkbox"/> Other items or information: 		

U.S. APPLICATION NO (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/JP2003-004456	ATTORNEY'S DOCKET NUMBER 130677-0005		
24. The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :				
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$950.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$0.00		
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE
Total claims		14 - 20 =	0	x \$18.00
Independent claims		4 - 3 =	1	x \$44.00
Multiple Dependent Claims (check if applicable).		<input type="checkbox"/> \$0.00		
TOTAL OF ABOVE CALCULATIONS		\$994.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$497.00		
SUBTOTAL		\$497.00		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		<input type="checkbox"/> + \$0.00		
TOTAL NATIONAL FEE		\$497.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/> \$0.00		
TOTAL FEES ENCLOSED		\$497.00		
		Amount to be: <u>refunded</u> <u>charged</u> \$		
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-2136</u> in the amount of <u>\$497.00</u> to cover the above fees. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-2136</u> d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO: <p style="margin-left: 20px;">Michael S. Gzybowski BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, MI 48104</p>				
 SIGNATURE <p style="margin-left: 20px;">Michael S. Gzybowski</p>				
NAME <p style="margin-left: 20px;">32,816</p>				
REGISTRATION NUMBER <p style="margin-left: 20px;">10 / 06 / 2004</p>				
DATE				

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

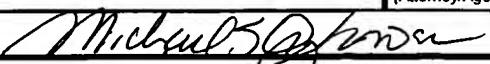
FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	Unknown
Filing Date	10/06/2004
First Named Inventor	Michio KITAHARA, et al
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	130677-0005

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																							
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 12-2136 Deposit Account Name BUTZEL LONG				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee Code</td><td>Fee (\$)</td><td>Fee (\$)</td></tr> <tr><td>1051</td><td>2051</td><td>130</td><td>65</td></tr> <tr><td>1052</td><td>2052</td><td>50</td><td>25</td></tr> <tr><td>1053</td><td>1053</td><td>130</td><td>130</td></tr> <tr><td>1812</td><td>1812</td><td>2,520</td><td>2,520</td></tr> <tr><td>1804</td><td>1804</td><td>920*</td><td>920*</td></tr> <tr><td>1805</td><td>1805</td><td>1,840*</td><td>1,840*</td></tr> <tr><td>1251</td><td>2251</td><td>110</td><td>55</td></tr> <tr><td>1252</td><td>2252</td><td>430</td><td>215</td></tr> <tr><td>1253</td><td>2253</td><td>980</td><td>490</td></tr> <tr><td>1254</td><td>2254</td><td>1,530</td><td>765</td></tr> <tr><td>1255</td><td>2255</td><td>2,080</td><td>1,040</td></tr> <tr><td>1401</td><td>2401</td><td>340</td><td>170</td></tr> <tr><td>1402</td><td>2402</td><td>340</td><td>170</td></tr> <tr><td>1403</td><td>2403</td><td>300</td><td>150</td></tr> <tr><td>1451</td><td>1451</td><td>1,510</td><td>1,510</td></tr> <tr><td>1452</td><td>2452</td><td>110</td><td>55</td></tr> <tr><td>1453</td><td>2453</td><td>1,370</td><td>685</td></tr> <tr><td>1501</td><td>2501</td><td>1,370</td><td>685</td></tr> <tr><td>1502</td><td>2502</td><td>490</td><td>245</td></tr> <tr><td>1503</td><td>2503</td><td>660</td><td>330</td></tr> <tr><td>1460</td><td>1460</td><td>130</td><td>130</td></tr> <tr><td>1807</td><td>1807</td><td>50</td><td>50</td></tr> <tr><td>1806</td><td>1806</td><td>180</td><td>180</td></tr> <tr><td>8021</td><td>8021</td><td>40</td><td>40</td></tr> <tr><td>1809</td><td>2809</td><td>790</td><td>395</td></tr> <tr><td>1810</td><td>2810</td><td>790</td><td>395</td></tr> <tr><td>1801</td><td>2801</td><td>790</td><td>395</td></tr> <tr><td>1802</td><td>1802</td><td>900</td><td>900</td></tr> <tr><td colspan="4">Other fee (specify) BASIC NATIONAL FEE - SMALL ENTITY</td></tr> <tr> <td colspan="4"></td> <td colspan="4">475.00</td> </tr> <tr> <td colspan="4">*or number previously paid, if greater; For Reissues, see above</td> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4"></td> <td colspan="4">SUBTOTAL (3) (\$) \$475.00</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee (\$)	Fee (\$)	1051	2051	130	65	1052	2052	50	25	1053	1053	130	130	1812	1812	2,520	2,520	1804	1804	920*	920*	1805	1805	1,840*	1,840*	1251	2251	110	55	1252	2252	430	215	1253	2253	980	490	1254	2254	1,530	765	1255	2255	2,080	1,040	1401	2401	340	170	1402	2402	340	170	1403	2403	300	150	1451	1451	1,510	1,510	1452	2452	110	55	1453	2453	1,370	685	1501	2501	1,370	685	1502	2502	490	245	1503	2503	660	330	1460	1460	130	130	1807	1807	50	50	1806	1806	180	180	8021	8021	40	40	1809	2809	790	395	1810	2810	790	395	1801	2801	790	395	1802	1802	900	900	Other fee (specify) BASIC NATIONAL FEE - SMALL ENTITY								475.00				*or number previously paid, if greater; For Reissues, see above				*Reduced by Basic Filing Fee Paid								SUBTOTAL (3) (\$) \$475.00			
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Name (Print/Type)	Michael S. Gzbowski		Registration No. (Attorney/Agent)	32,816	Telephone	734.955.3110																																																																																																																																																					
Signature				Date	10/06/2004																																																																																																																																																						

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Michio KITAHARA, et al

Docket No.

130677-0005

Application No. 10/510,417	Filing Date October 6, 2004	Examiner Unknown	Customer No. 35684	Group Art Unit
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Invention:

PISTON PUMP

**Transmittal Letter to the United States Designated/Elected Office Concerning A Submission
Under 35 USC 371, executed PCT/USA National Declaration and Power of Attorney,
Notification of Missing Requirements Under 35 USC 371 in the United States Designated Office,
Recordation Form Cover Sheet, executed Assignment document, and Fee Transmittal**

I hereby certify that this

(Identify type of correspondence)

is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR

1.8(a)] on

April 18, 2005

(Date)

Marilynn M. Peterson

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.